

12

EUROPEAN PATENT APPLICATION

21 Application number: 88308082.2

8 Int. Cl. 4: C 02 F 1/30

C 02 F 1/58, B 01 J 19/08,
B 01 J 19/12, A 61 L 2/02

22 Date of filing: 01.09.88

23 Priority: 04.09.87 US 94000

24 Date of publication of application:
09.03.89 Bulletin 89/10

25 Designated Contracting States:
BE DE FR GB IT NL

26 Applicant: Henderson, Robert B.
48-300 Sandringham Crescent
London Ontario N6C 5B4 (CA)

27 Inventor: Henderson, Robert B.
48-300 Sandringham Crescent
London Ontario, N6C 5B4 (CA)

Robertson, Michael K.
81 Ponderosa Crescent
London Ontario, N6E 2L5 (CA)

28 Representative: Carpmael, John William Maurice et al
CARPMAELS & RANSFORD 43 Bloomsbury Square
London, WC1A 2RA (GB)

29 Fluid purification.

27 A purifier for water or air removes, reduces or detoxifies organic pollutants therefrom by causing the fluid to contact a matrix (11) having surfaces with which a fixed anatase (TiO₂) or other photoreactive metal semiconductor material is bonded, in the presence of light of a wavelength that will activate the material.

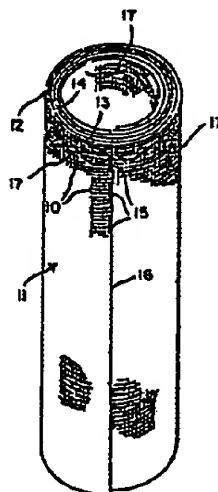


FIG. 1

EP 0 306 301 A1